

Features of a Proposed Project

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| Project Name: | Waste processing Machine (shredders) | |
| Purpose of the Project: | Manufacturing of waste crushing machines (shredders) locally to provide the needs of the local waste recycling industry for recycling of waste after being separated and sorted and using the recycling product as a local crude for different industries | |
| Field/Sector: | Engineering Industries | |
| Targeted Markets: | Local Market | |
| Production Capacity as an Example: | 100unit/year | |
| Required Land Area: | 1500 m ² | |
| Area of Buildings: | 900 m ² | |
| Main Raw Materials and Supplies: | Iron sheets | |
| | Hydraulic pistons | |
| | Control panels | |
| | Iron sectors of different thicknesses | |
| | Aluminium sectors | |
| | Electric motors | |
| Main Project Machinery and Equipment: | Iron sheet hydraulic bending machine | |
| | Iron sheet hydraulic shear | |
| | CNC punching machine | |
| | CNC automatic turnery machine | |
| | CNC milling machine | |
| | Electrostatic painting line | |
| | CO2 and argon welding machines | |
| | Eccentric press 60tons | |
| | Hydraulic press (20: 80tons) | |
| Annual Consumptions of the Project: | • Consumption of Electricity | 307 M.W.H |
| | • Consumption of Water | 600 m ³ |
| | • Consumption of Gas | 115000 m ³ |
| Labour Required: | 20 | |
| Project Products: | Diverse Waste Crushing Machines | |

N.B.: This study is a rough estimate of the Example; a detailed feasibility study should be conducted.